



CORRELATION OF MAP UNITS
(RELATIVE AGE OF UNITS SEPARATED BY THE MAJOR FAULTS UNDETERMINED)

EARLY PROTEROZOIC ROCKS

LATE ARCHEAN UNITS NORTH OF THE RAINY LAKE-SEINE RIVER FAULT

LATE ARCHEAN UNITS BETWEEN THE RAINY LAKE-SEINE RIVER FAULT AND THE VERMILION FAULT AND ITS MAJOR SPLAYS

LATE ARCHEAN UNITS SOUTH OF THE VERMILION FAULT

LATE ARCHEAN SUPRACRUSTAL UNITS SOUTH OF THE VERMILION FAULT

DESCRIPTION OF MAP UNITS

EARLY PROTEROZOIC ROCKS

UNITS NORTH OF THE RAINY LAKE-SEINE RIVER FAULT

LATE ARCHEAN UNITS BETWEEN THE RAINY LAKE-SEINE RIVER FAULT AND THE VERMILION FAULT AND ITS MAJOR SPLAYS

YOUNGER SUPRACRUSTAL UNITS

PRE- AND SYN-TECTONIC INTRUSIONS (2,695 TO 2,750 Ma)

OLDER SUPRACRUSTAL UNITS (2,702 TO 2,755 Ma)

MAP SYMBOLS

REFERENCES CITED

INDEX TO ABUNDANCE OF OUTCROPS

SOURCES OF GEOLOGIC DATA

LOCATION DIAGRAM

INDEX TO ABUNDANCE OF OUTCROPS

1980 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 4 DEGREES EASTERLY FOR THE CENTER OF THE WEST EDGE TO TWO DEGREES EASTERLY FOR THE CENTER OF THE EAST EDGE

BASE FROM U.S. GEOLOGICAL SURVEY 1960.

SCALE 1:250,000

Compiled in 1986-7, by W.C. Day, K.J. Schulz, and T.L. Klein, U.S. Geological Survey and by D.L. Southwick, Minnesota Geological Survey

PRELIMINARY BEDROCK GEOLOGIC MAP OF THE INTERNATIONAL FALLS 1°X2° QUADRANGLE, MINNESOTA, U.S.A., AND ONTARIO, CANADA

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1987

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.